



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Inventor

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ROTHMAN, et al.

Serial No.

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10/053,498

Filing Date

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January 17 2002

For:

HEAT SHOCK PROTEIN-BASED VACCINES

Examiner

.

To Be Assigned

Art Unit

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1642

Commissioner for Patents Washington D.C. 20231 BOX SEQUENCE

16

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Date October 30, 20

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Signature:

Lawrence P. Casson (Reg. No. 46,606)

#### SUBMISSION OF SEQUENCE LISTING STATEMENTS

SIR:

#### STATEMENT UNDER 37 CFR §1.821(f)

I hereby state that the information recorded in computer readable form is identical to the written sequence listing.

### STATEMENT UNDER 37 CFR §1.821(g)

I hereby state that the submission, filed in accordance with 37 CFR 1.821(g), does not include new matter.

Respectfully submitted,

**KENYON & KENYON** 

Dated: October 30, 2002

By:

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# SEQUENCE LISTING

```
Sloam Kettering Institute for Canser Research
        Rothman, James E.
       Mayhew, Mark
        H⊃e, Mee H.
        Houghton, Alan
       Hartl, Ulrich
       Ouerfelli, Ouathek
       Moroi, Yoichi
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|--|----|
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| · 400> 43                                  |    |
| igtogottro atgggaatog tggt                 | 24 |
| · 210 > 44                                 |    |
| ·111> 24                                   |    |
| · 212 > DNA                                |    |
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| .400 . 44                                  |    |
| tatactcggg attttgaggc tggt                 | 24 |
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|   | <pre>&gt;210 &lt; 48 &lt;211 &lt; 24 &lt;212 &gt; DNA</pre> |     |
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|   | + P22 > (8) (9)<br>+ P23 > unknown                          |     |
|   | +46048  |     |
|   |   |     |
|   | tegtetentt egitgiatat iggi                                  | 2.4 |
|   | +210: 49<br>+211: 24  |     |
|   | <pre></pre>   |     |
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|   | <220>   |     |
|   | <pre>+323&gt; random DNA in m13 coliphage</pre>             |     |
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|   | <210> 50  |     |
|   | <211> 24  |     |
|   | <212> DNA<br><213> Artificial Sequence                      |     |
|   |   |     |
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|   | <211> 24  |     |
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| +400 + 52   |    |
|---|----|
| gtggggtnta tggagtogtt gggt  | 2  |
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| +0000<br>+001> MISC_FEATURE<br>+0002> (18)(18)<br>+0003> unknown  |    |
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12/65

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|--|----|
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| <pre>&lt;320&gt; -323&gt; random DNA in m13 coliphage</pre>                              |    |
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| fatcatactg ctcataatat gggf   | 24 |
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| <220>  |    |

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|--|----|
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| degentritgg ataggattan qggt  | 24 |
| 216 68   |    |
| 211 + 24   |    |
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| thtgegacta thattgegea tggt   | 24 |
| - 210> - 69  |    |
| +211> 24   |    |
| +212> DNA  |    |
| +11> Artificial Sequence   |    |
| The Property of the Control of the C |    |
| 320×   |    |
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| 400 > 108   |    |
| ectifyeete ateqtotgaa tygt  | 24 |
| 210 × 109<br>211 × 24<br>× 212 × DNA<br>× 213 × Artificial Sequence           |    |
| 0265<br>- 3235 random DNA in ml3 coliphage                                    |    |
| . 400 - 109   |    |
| togagtooga gggaggttoa tggt  | 24 |
| <pre>.D10&gt; 110 .D11&gt; 24 .D12&gt; DNA .D13&gt; Artificial Sequence</pre> |    |
| <pre>&lt;220 - &lt;223 - random DNA in m13 coliphage</pre>                    |    |
| < 100 · 110   |    |
| aatcaggttg atacggeteq gggt  | 24 |
| <210 > 111<br><211 > 24<br><212 + DNA<br><313 > Artificial Sequence           |    |
| <220.<br><223 random DNA in ml3 coliphage                                     |    |
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| tatectaege egetgetgae tggt  | 24 |
| <210> 112<br><211> 24<br><212: DNA<br><213> Artificial Sequence               |    |
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| -010 - 113<br>-0311 - 24<br>-0310 - ENA<br>-0313 - Artificial Sequence |    |
|--|----|
| *220>  |    |
| <pre>&lt;223&gt; random LNA in ml3 coliphage</pre>                     |    |
|  |    |
| cttcttccgc attctagtgc tggt   | 2- |
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| offgagactt atacggette tygt   | 24 |
| +210> 115  |    |
| +211> 24   |    |
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| -213> Artificial Sequence  |    |
| 220s<br>-223s random DNA in m13 coliphage                              |    |
| · 400> 115   |    |
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| aagtatgtge etetgeegee gggt   | 24 |
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|--|-----|
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|  |     |
| finthatgogg offotggtan tggt                                | 5,5 |
| + 210> 119<br>+ 211> 24                                    |     |
| + 212 > DNA  |     |
| -213 - Artificial Sequence                                 |     |
| :320:  |     |
| -223> random DNA in m13 coliphage                          |     |
| +400>-119  |     |
| agtttggcga ctgttaagtc tggt                                 | 24  |
| + D10> 120   |     |
| 1.11: 24   |     |
| - 212> DNA<br>- 213> Artificial Sequence                   |     |
| · 220>   |     |
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| +210> 121  |     |
| +211> 24   |     |
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| · 4002 124   |     |
| gtggcgttta cgcggcttcc gggt                                     | 24  |
|  |     |
| +210> 125  |     |
| + 211 > 24   |     |
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| V213% Arciticial Sequence                                      |     |
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| 1225 Tandom DNA III mis compilage                              |     |
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| 1225 Tundom BNA III mis corrprage                              |     |
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| 400 > 130   |    |
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|   |    |
| <pre>&lt;2:20&gt; -2:23&gt; random DNA in m13 coliphage</pre>   |    |
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